



#4

SEQUENCE LISTING

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<120> ARRAYED BIOMOLECULES AND THEIR USE IN SEQUENCING

<130> 106632

<140> US 09/771,708

<141> 2001-01-30

<150> GB 0002310.1

<151> 2000-02-01

<150> PCT/GB99/02487

<151> 1999-07-30

<150> GB 9822670.7

<151> 1998-10-16

<150> EP 98306094.8

<151> 1998-07-30

<160> 7

<170> PatentIn Ver. 2.1

<210> 1

<211> 13

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Synthetic

<220>

<221> misc_feature

<222> (1)..(13)

<223> Modified base. n = 5'-(propargylamino)uridine

<400> 1

tcgcagccgn cca

13

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<220>

<223> Description of Artificial Sequence: Synthetic

<220>

<221> misc_feature

<222> (1)..(21)

<223> Modified base. n = 5-methyl cytosine with a TMR
group coupled via a linker to the n4 position.

<400> 2

'aaccctatgg acggctgcga n

21

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<220>
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<223> Modified base. n = methyl cytosine.

<400> 3
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21

<210> 4
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<223> Description of Artificial Sequence:
Oligonucleotide

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<222> (1)..(40)
<223> Modified base. N = (C6-amino)adenine

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nctcaaccaa cctgccgacg ctccgagctg caagctactg

40

<210> 5
<211> 51
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<213> Artificial Sequence

<220>
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tcgactgctg acagtagctt gcagctcgga gcgtcggcag gttggttgag t

51

<210> 6
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<220>
<223> Description of Artificial Sequence:Oligonucleotide

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<222> (1)..(20)

'<223> Modified base. N = cytosine with a fluorescent
Cy3 group attached. M = thymine with hexaethylene
glycol attached.

<400> 6
ctgctgaagc gtcggcaggt

20

<210> 7
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<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Oligonucleotide

<220>
<221> misc_feature
<222> (1)..(13)
<223> Modified base. N = adenine with hexaethylene
glycol attached.

<400> 7
acctgccgac gct

13